

(e) In addition to the other application requirements of this part and of Forms 494 and 330, each application for a signal booster station must include a written consent statement of the licensee of each MDS, MMDS, and ITFS station whose signal is retransmitted.

(f) The output power of the signal booster transmitter station must not exceed 18 dBW EIRP.

(g) An MDS or ITFS licensee may install and commence operation of a signal booster station that has a maximum power level of –9 dBW EIRP and that does not extend service beyond the boundaries of an MDS station's protected service area or beyond an ITFS licensee's registered receive site, subject to the condition that for sixty (60) days after installation, no objection or petition to deny is filed by an authorized co-channel or adjacent channel ITFS or MDS station with a transmitter within 8 km (5 miles) (8.05 km) of the coordinates of the primary transmitter of the signal booster. An MDS or ITFS licensee seeking to install a signal booster under this rule must, within 48 hours after installation, submit a certification that:

(1) The maximum power level of the signal booster transmitter does not exceed –9 dBW EIRP;

(2) A description of the signal booster technical specifications (including antenna gain and azimuth), the coordinates of the booster and receivers, and the street address of the signal booster;

(3) No registered receiver of an ITFS E or F channel station, constructed prior to May 26, 1983, is located within a 1 mile (1.61 km) radius of the coordinates of the booster, or in the alternative, that a consent statement has been obtained from the affected ITFS licensee;

(4) No environmental assessment location as defined at §1.1307 of this chapter is affected by installation and/or operation of the signal booster;

(5) Each MDS and/or ITFS station licensee with protected service areas or registered receivers within a 8 km (5 mile) (8.05 km) radius of the coordinates of the booster has been given notice of its installation;

(6) Consent has been obtained from each MDS or ITFS station licensee

whose signal is repeated by the signal booster;

(7) The signal booster site is within the protected service area of the MDS station, if the signal of an MDS station is repeated;

(8) The power flux density at the edge of the MDS station's protected service area does not exceed –75.6 dBW/m<sup>2</sup>, if the signal of an MDS station is repeated;

(9) The antenna structure will extend less than 6.10 meters (20 feet) above the ground or natural formation or less than 6.10 meters (20 feet) above an existing manmade structure (other than an antenna structure); and

(10) The MDS or ITFS licensee understands and agrees that in the event harmful interference is claimed by the filing of an objection or petition to deny, the licensee must terminate operation within two (2) hours of written notification by the Commission, and must not recommence operation until receipt of written authorization to do so by the Commission.

[56 FR 57601, Nov. 13, 1991, as amended at 58 FR 11799, Mar. 1, 1993; 58 FR 44951, Aug. 25, 1993]

#### **§ 74.986 Involuntary ITFS station modifications.**

(a) Parties specified in paragraph (b) of this section may, subject to Commission approval, involuntarily modify the facilities of an existing ITFS licensee in the following situations:

(1) If the initiating party is prevented from invoking the 0 dB interference protection standard (see §21.902(f)(2) of this chapter and §74.903(a)(2) of this part) for projecting its impact on an existing ITFS licensee because of that licensee's pre-May 26, 1983, facilities, the applicant, permittee or licensee may modify the facilities of the pre-existing ITFS station with equipment adequate to perform at that level of interference;

(2) If the initiating party is prevented from operating at a higher transmitter output power or EIRP because such power level will cause harmful interference to an ITFS station and modifying the ITFS station will avoid such harmful interference;

(3) If the initiating party is prevented from installing a signal booster because such installation will cause harmful interference to an ITFS station and modifying the ITFS station will avoid harmful interference;

(4) If an ITFS licensee uses equipment incapable of meeting the aural power standard specified in §74.935(d) and that equipment becomes a source of harmful adjacent-channel interference, and other equipment would avoid such harmful interference.

(5) If an ITFS licensee uses equipment incapable of meeting the transmitter tolerance standard specified in §74.961 of this part and that equipment becomes a source of harmful co-channel interference, and other equipment would avoid the harmful interference;

(6) If an ITFS licensee uses equipment incapable of meeting the out-of-band emissions standard specified in §74.936 of this part and that equipment becomes a source of harmful adjacent-channel interference, and other equipment would avoid the harmful interference; and

(7) If harmful adjacent-channel interference may be avoided by colocation of an ITFS facility with its own facilities.

(b) Involuntary modification may be sought by an MDS, MMDS or ITFS licensee, conditional licensee, permittee or applicant. Opposed applicants do not have authority to seek involuntary colocation. An opposed application is one that faces a competing application(s) or petition(s) to deny. Applicants will be required to confirm their unopposed status after the period for competing applications and petitions to deny has passed. If an initiating application is opposed, the companion ITFS modification application will be returned. It may be refiled when the initial application is again unopposed.

(c) The application for involuntary modification must be prepared, signed and filed by the initiating party. The applicant must submit FCC Form 330 but need not fill out section II (Legal Qualifications), and the application must include a cover letter clearly indicating that the modification is involuntary and identifying the parties involved. A copy of the application must be served on the affected ITFS party on

or before the day of filing. The ITFS party to be modified will have a 60-day period in which to oppose the modification application; the opposition should state objections to the modification with specificity, including engineering and other challenges. If the modification includes colocation, the opponent should address the desirability of the present site compared to the proposed new site.

(d) The party initiating the modification will be responsible for all costs connected with the modification, including purchasing, testing and installing new equipment, labor costs, reconfiguration of existing equipment, administrative costs, legal and engineering expenses necessary to prepare and file the modification application, and other reasonable documented costs. The initiating party must secure a bond or establish an escrow account to cover reasonable incremental increase in ongoing expenses that will fall upon the modified ITFS entity and to cover expenses that would inure to the modified ITFS entity in the event the initiating party becomes bankrupt. In establishing a bond or escrow amount, such factors as projected electricity or maintenance expenses, or relocation expenses must be taken into account, as relevant in each case.

(e) The involuntarily modified facilities must be operational before the initiating party will be permitted to begin its new or modified operations. The modification must not disrupt the ITFS licensee's provision of service, and the ITFS licensee has the right to inspect the construction or installation work.

[56 FR 57820, Nov. 14, 1991]

**§74.990 Use of available instructional television fixed service frequencies by wireless cable entities.**

(a) Notwithstanding the provisions §§74.931 and 74.932 of this part, a wireless cable entity may be licensed on instructional television fixed service frequencies in areas where at least eight other instructional television fixed service channels remain available in the community for future ITFS use. Channels will be considered available for future ITFS use if there are no co-channel operators or applicants within